Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	BDService
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 8.0.2
Input Device:	Carousel	Date:	01/11/2022 12:47 PM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product:	CST Setup Beads	Part #:	910859
Lot ID:	12757	Expiration Date:	06/30/2022
Bead Lot Information:	Available		

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	569	125000	125000	2.14	122289	2.14	23120	3.71
Blue	F	SSC	512	125000	125000	3.54	122159	3.49	54692	2.66
Blue	E	FITC	483	13491	13131	2.64	377	13.48	57	51.89
Blue	D	PE	484	24800	24112	2.12	588	10.08	114	37.07
Blue	B	PerCP-Cy5-5	566	29447	31295	3.22	842	14.07	134	41.01
Blue	A	PE-Cy7	609	20440	19939	5.09	429	29.55	72	78.49
Red	C	APC	557	39505	42122	2.58	1362	11.21	286	25.13
Red	A	APC-Cy7	532	21254	22340	2.93	610	11.77	115	34.33
Violet	B	V450	452	7526	7410	4.07	529	11.64	91	44.13
Violet	A	V500	460	27226	28118	3.63	934	8.68	110	32.29

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.8	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	6.8548	-13.5	N/A	N/A	N/A
Blue	E	FITC	157	245356	7.3290	-15.5	23.3	0.0436	68
Blue	D	PE	68	245542	7.2535	-15.1	23.3	0.4987	347
Blue	B	PerCP-Cy5-5	90	240904	7.3109	-15.7	23.3	0.0262	139
Blue	A	PE-Cy7	154	235000	7.4296	-16.4	24	0.0277	3
Red	C	APC	124	242216	7.3867	-15.7	19.7	0.0349	134
Red	A	APC-Cy7	80	239231	7.4226	-15.9	18.9	0.0086	1409
Violet	B	V450	149	243852	7.3887	-15.7	17.8	0.0549	1864
Violet	A	V500	83	245498	7.5737	-15.7	17.1	0.0270	1151

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Guidelines (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.64 - 71.46	N/A	N/A	-31.87	-31.79	1.09
Blue	20.37	16.28 - 24.42	1.29	1.03 - 1.55	0.00	0.00	1.43
Red	18.08	13.90 - 20.86	N/A	N/A	30.13	30.41	1.21

Window Extension: 7.00
FSC Area Scaling Factor: 0.94

Threshold

Threshold (FSC): 12480

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.70
Spec.: 3.80 - 4.00

Comments

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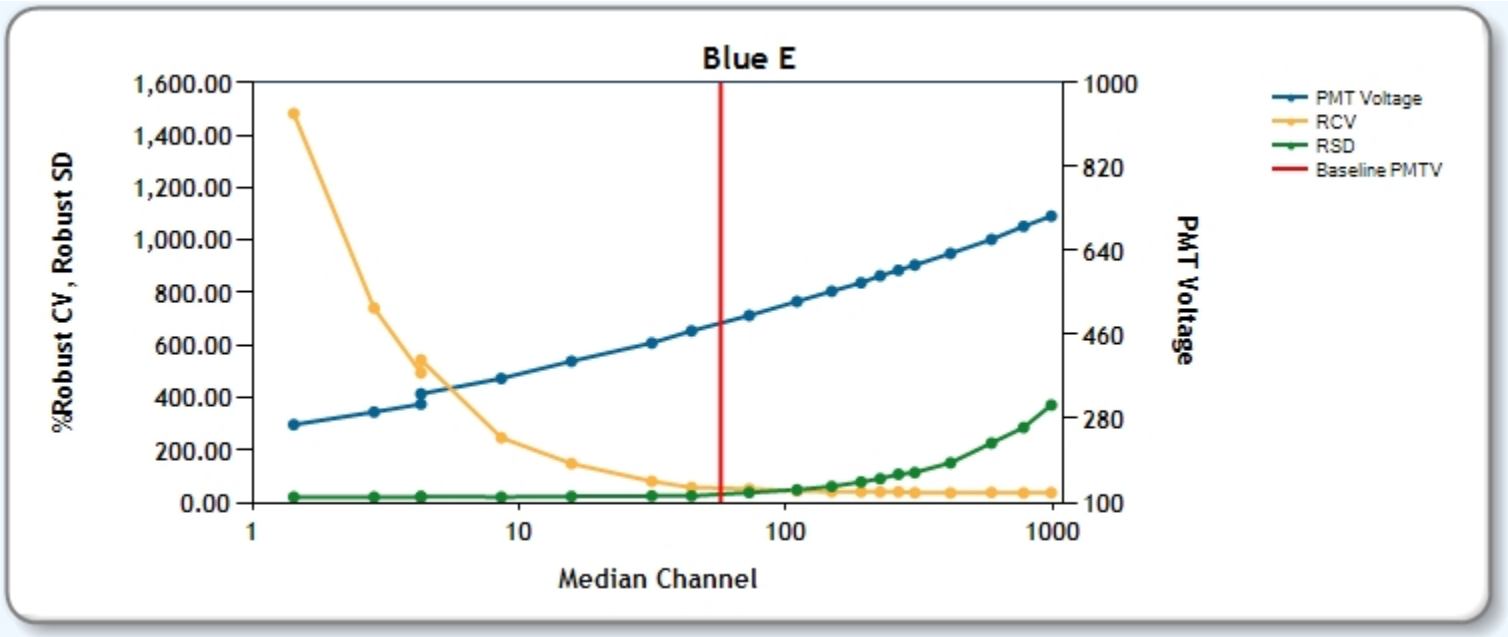
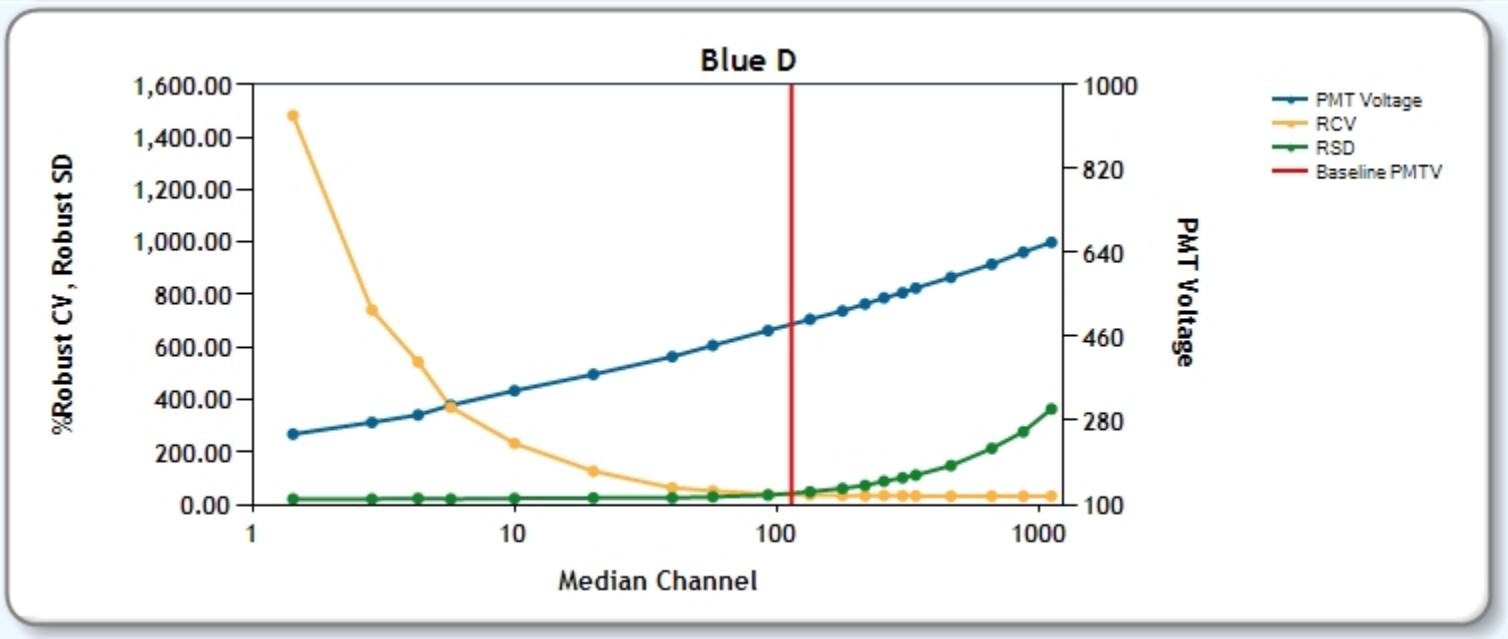
PMTV Optimization Results





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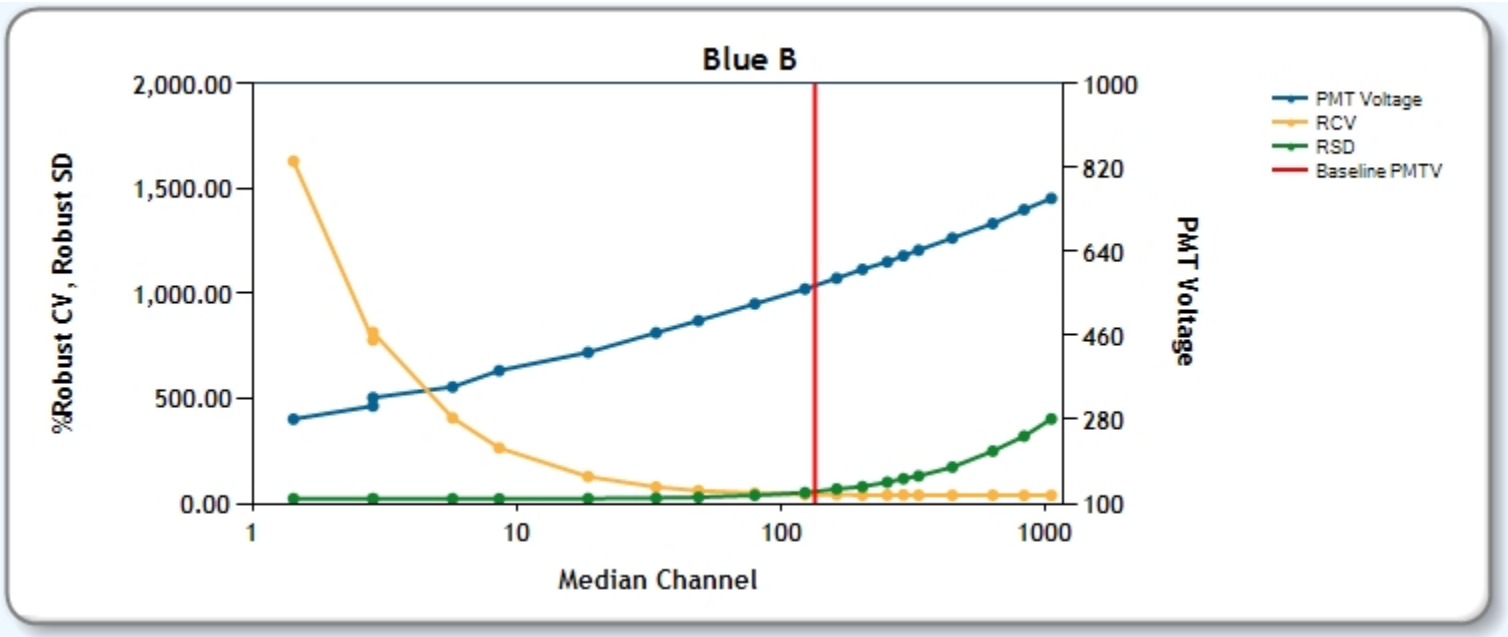

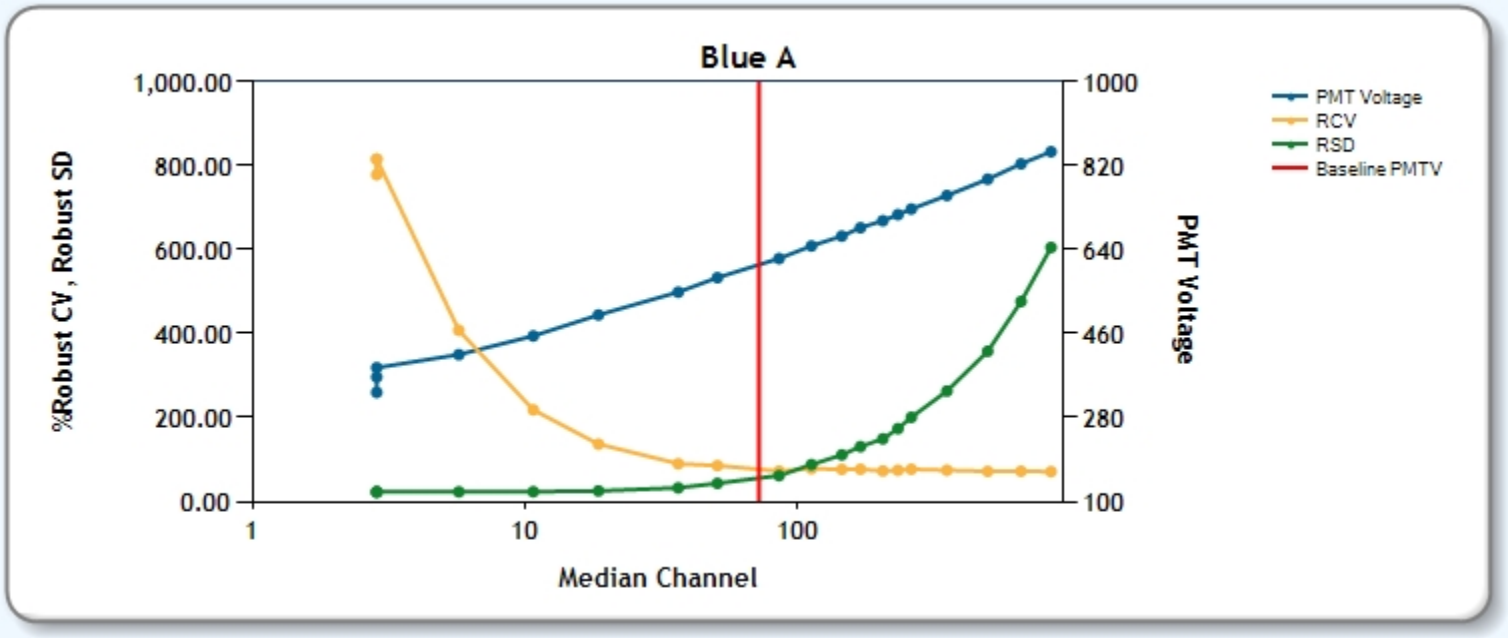

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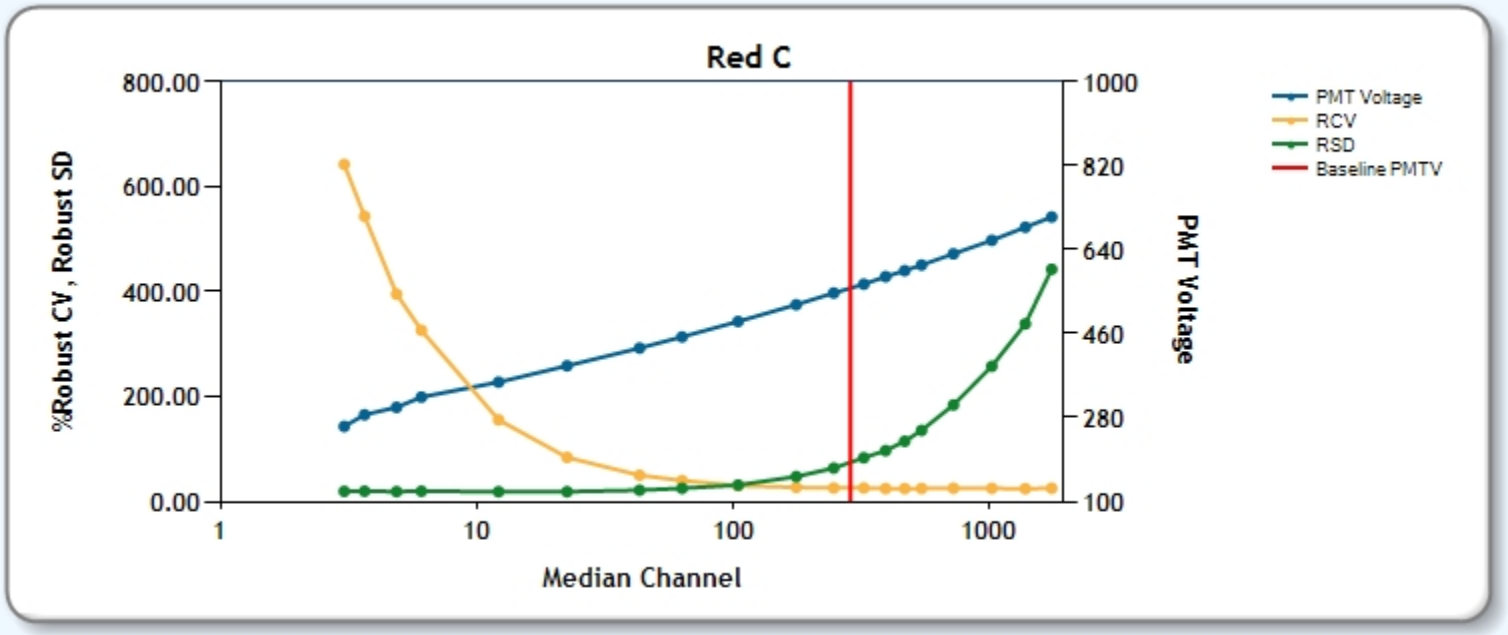

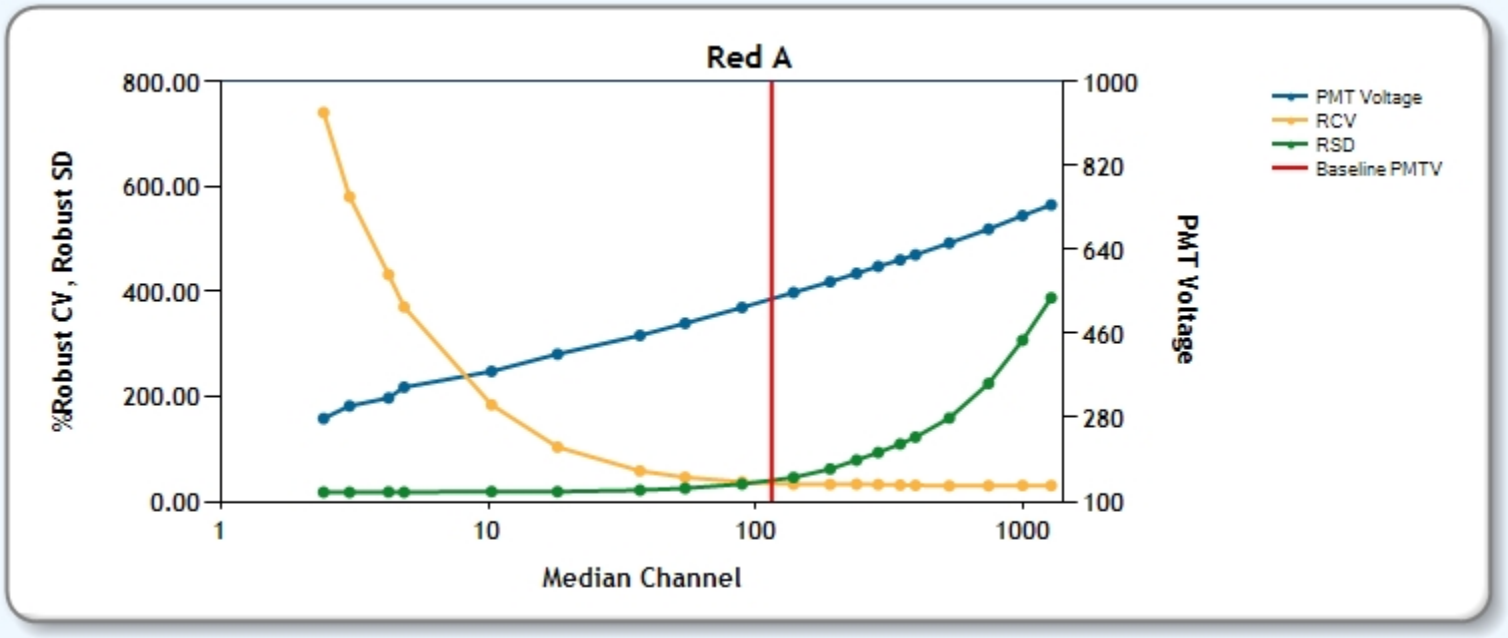

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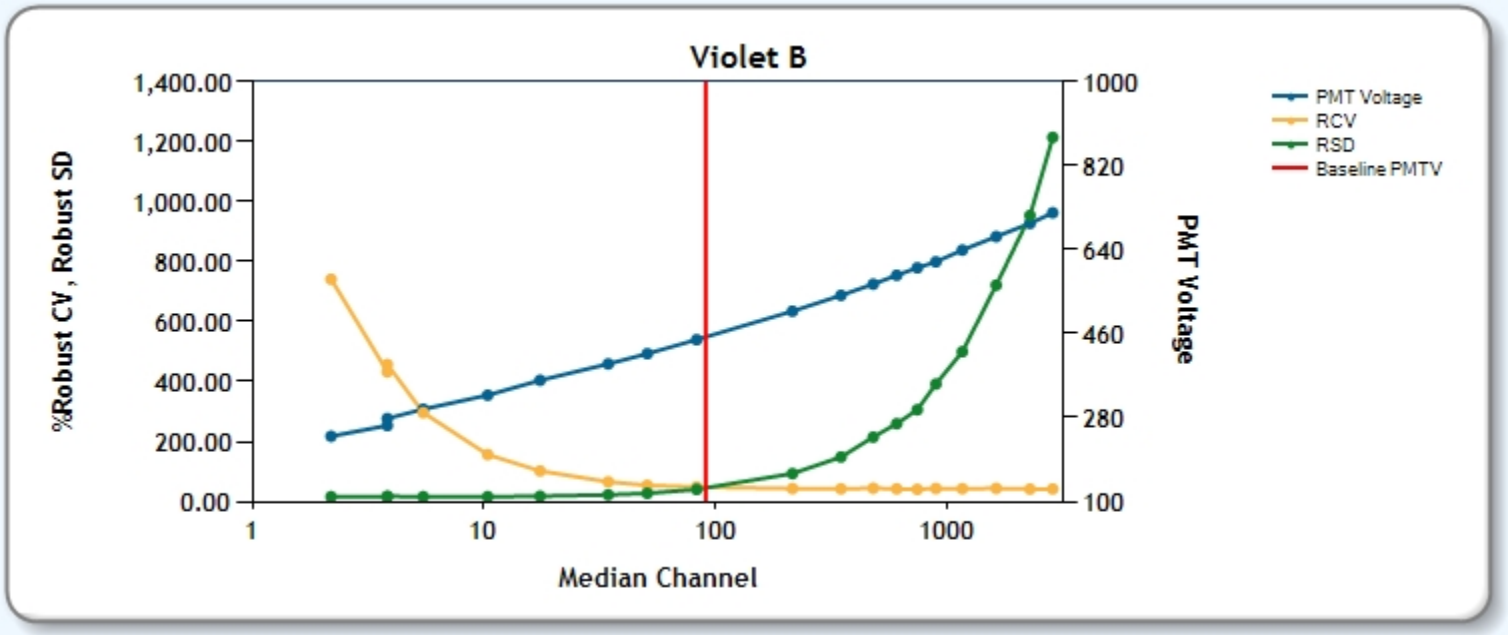

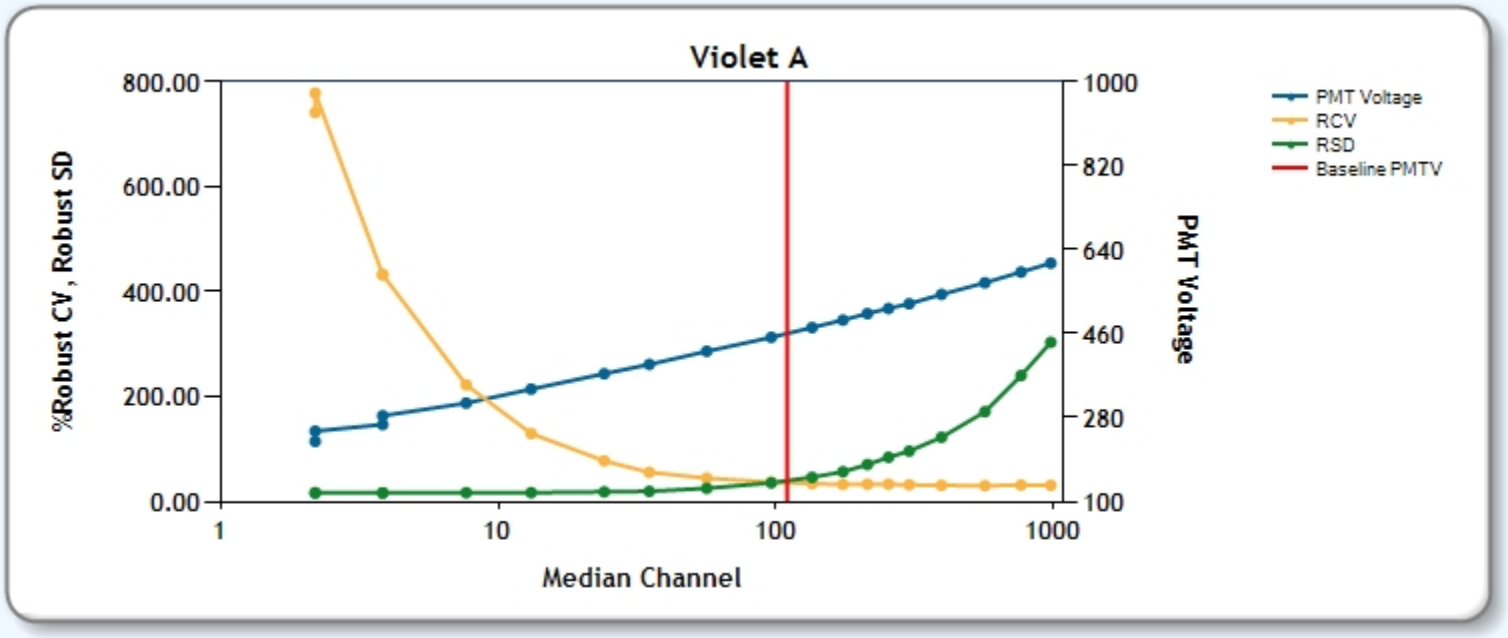

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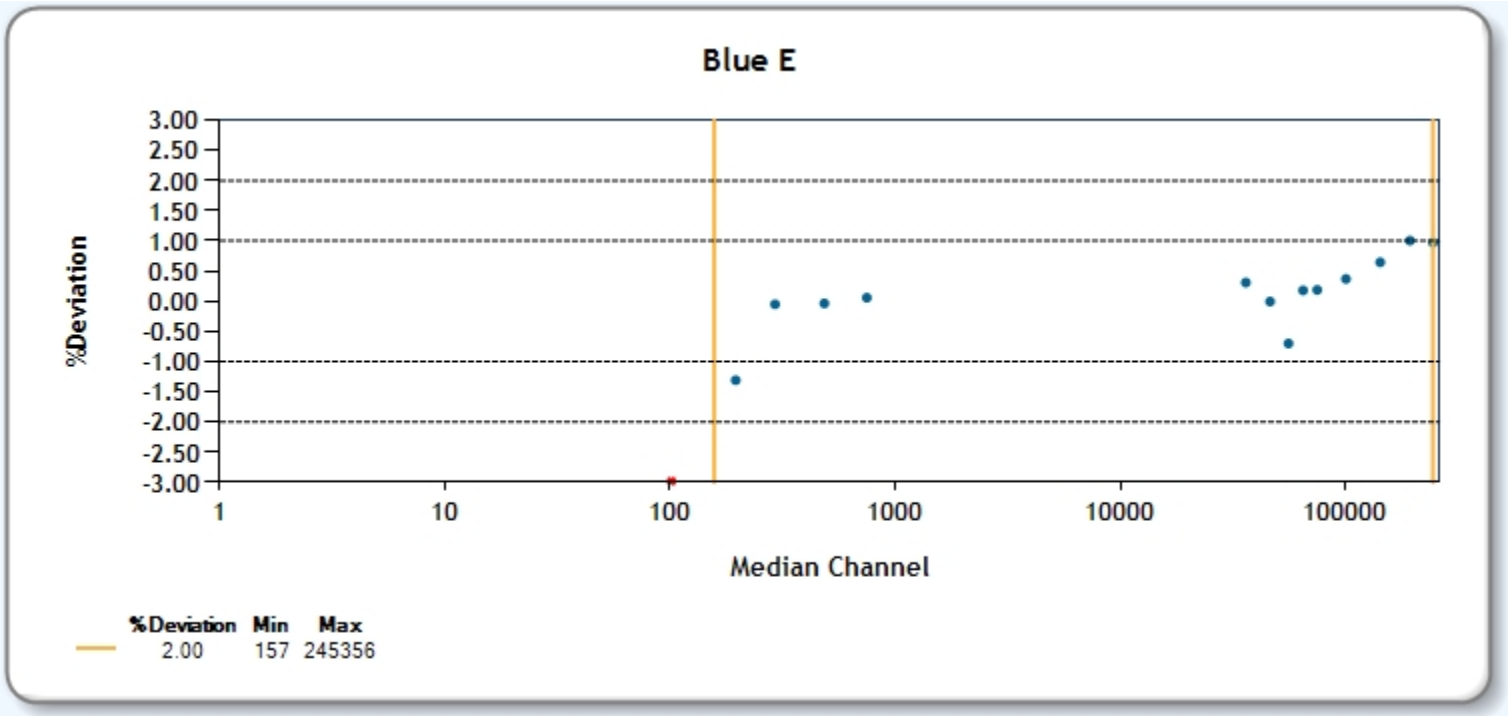
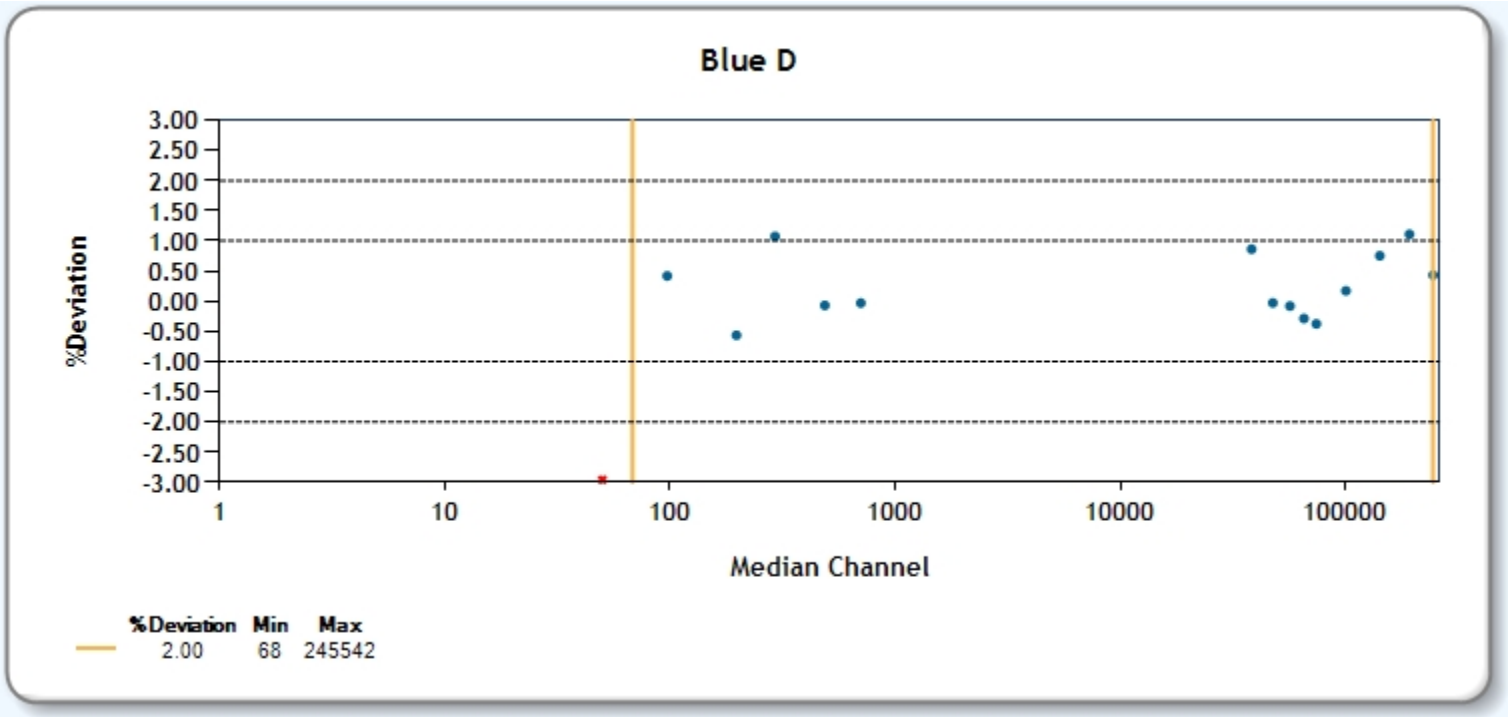
Linearity Results





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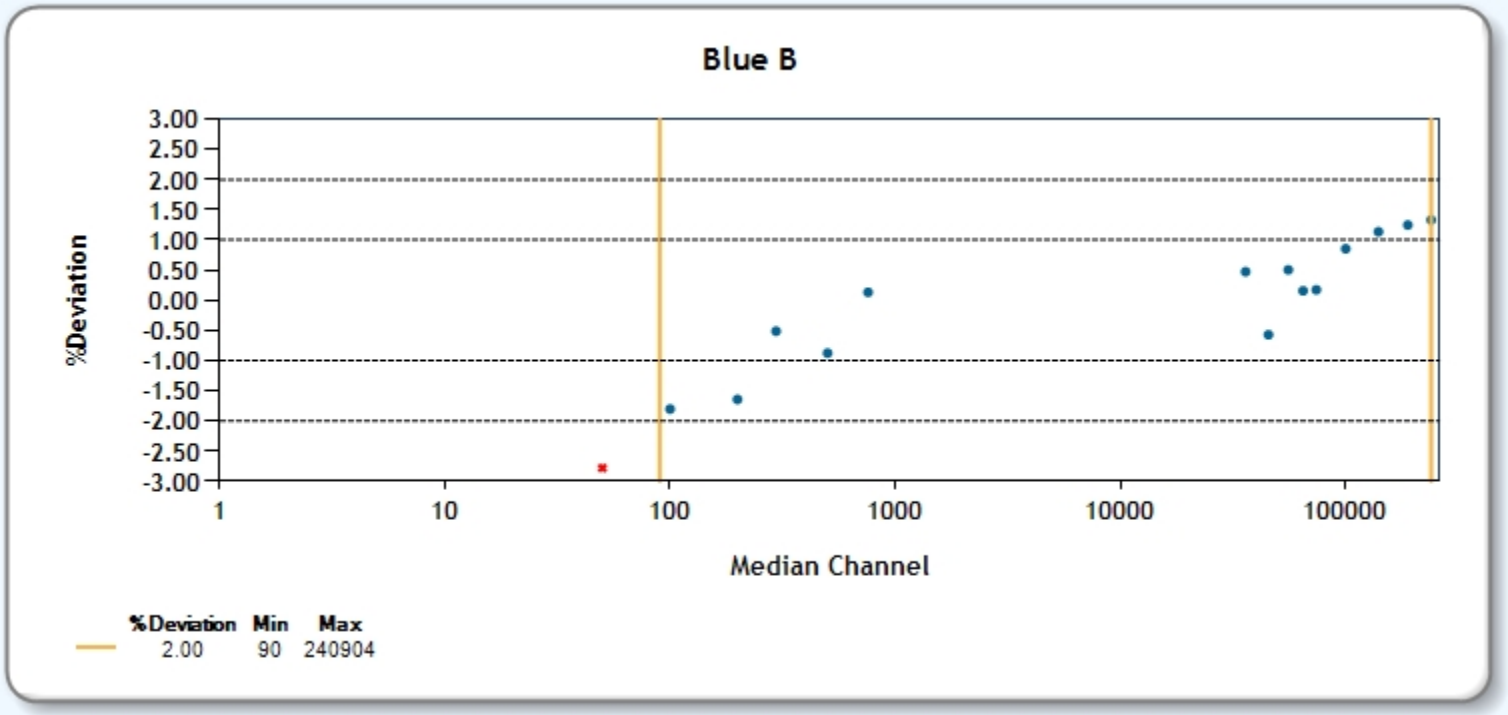

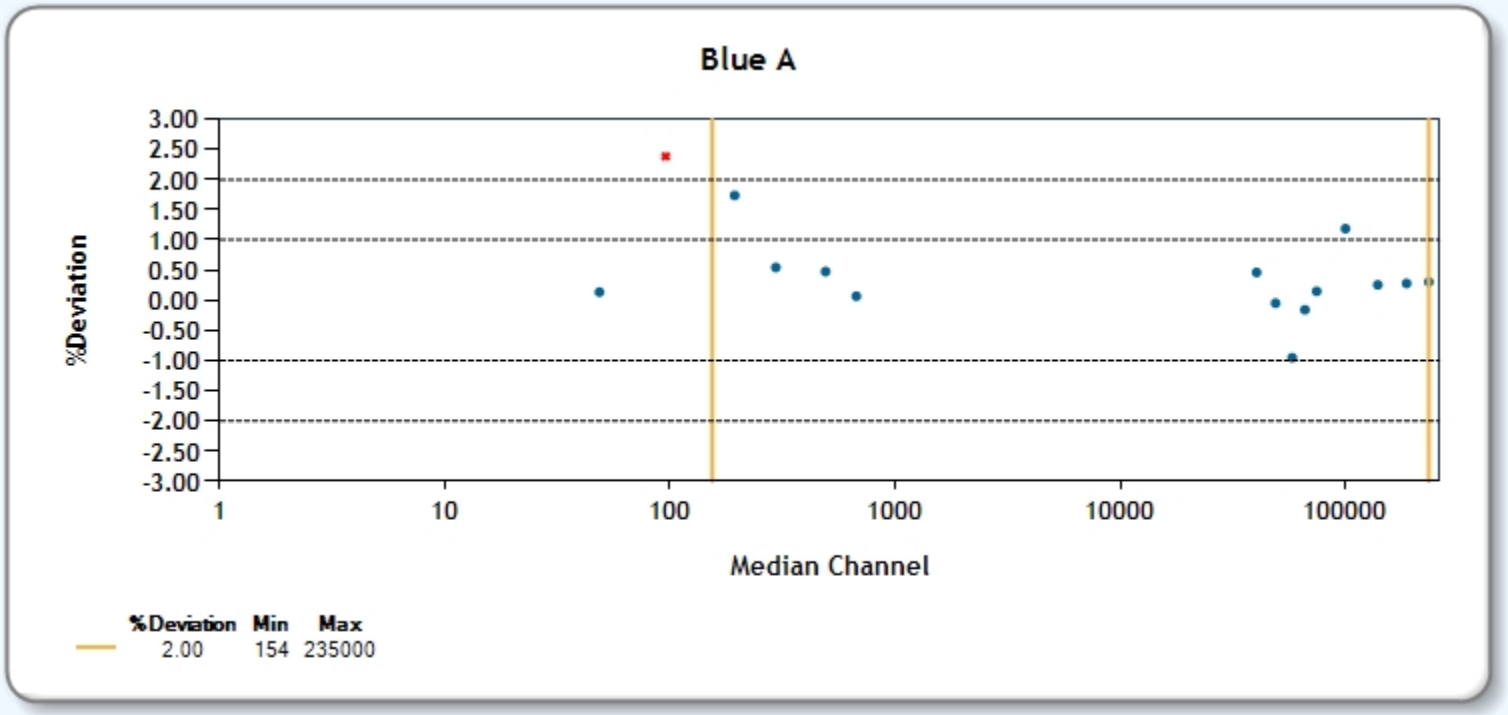

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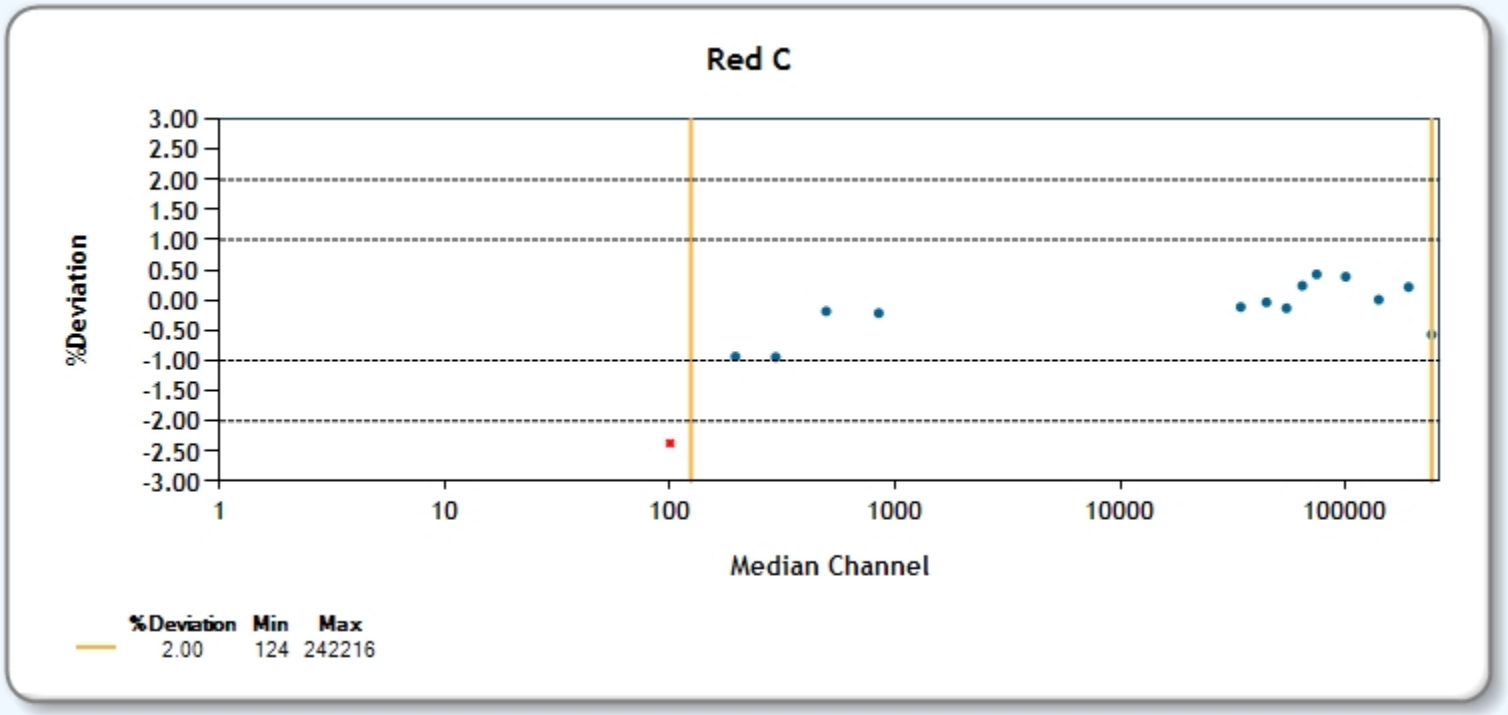

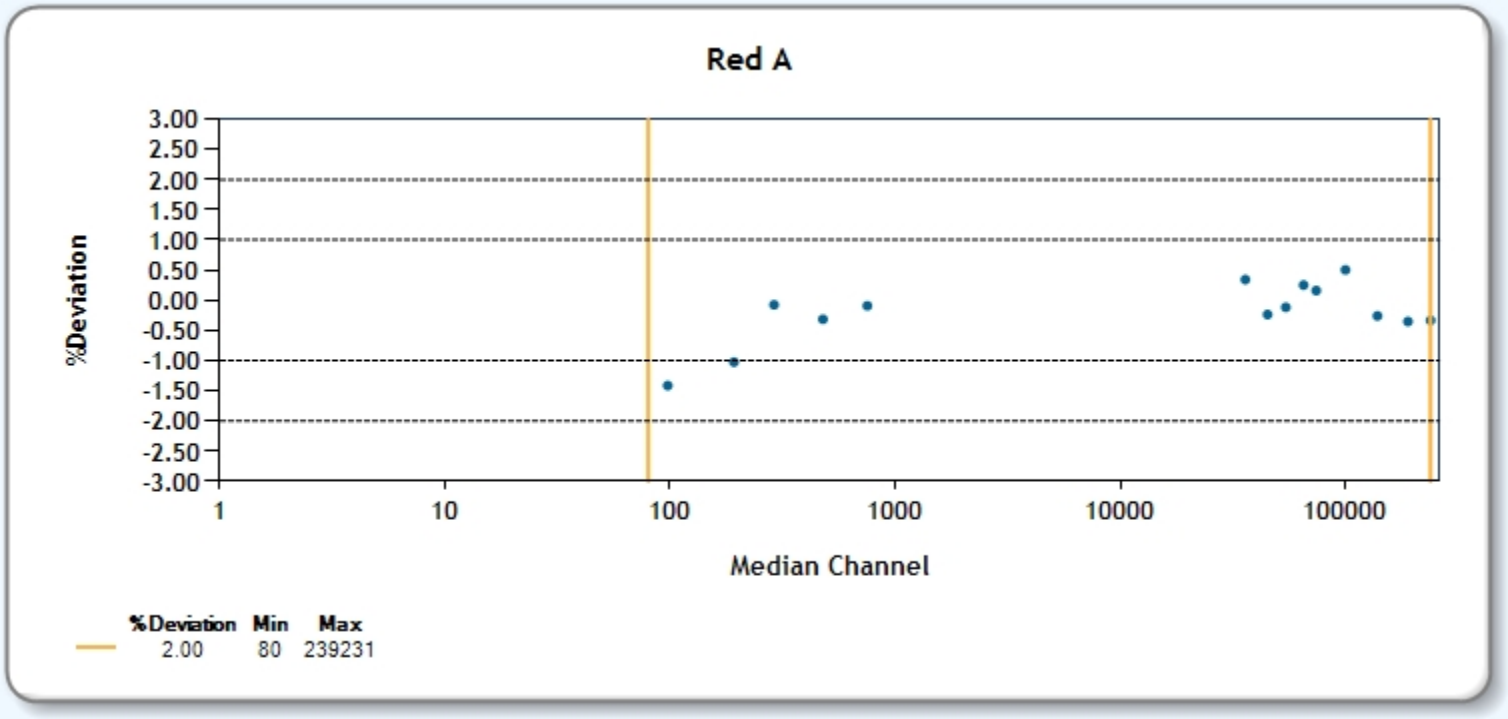

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